

Title (en)

A METHOD AND KIT FOR DETERMINING THE TISSUE OR CELL ORIGIN OF DNA

Title (de)

VERFAHREN UND KIT ZUR BESTIMMUNG DES GEWEBE- ODER ZELLURSPRUNGS VON DNA

Title (fr)

PROCÉDÉ ET KIT POUR DÉTERMINER L'ORIGINE TISSULAIRE OU CELLULAIRE D'ADN

Publication

**EP 4306659 A3 20240327 (EN)**

Application

**EP 23209884 A 20150414**

Priority

- US 201461979233 P 20140414
- EP 22158931 A 20150414
- EP 19209237 A 20150414
- EP 15720481 A 20150414
- IL 2015050403 W 20150414

Abstract (en)

A method of detecting death of a cell type or tissue in a subject is disclosed. The method comprises determining whether cell-free DNA comprised in a fluid sample of the subject is derived from the cell type or tissue, wherein the determining is effected by ascertaining the methylation status of at least four methylation sites on a continuous sequence of the cell-free DNA, the sequence comprising no more than 300 nucleotides, wherein a methylation status of each of the at least four methylation sites on the continuous sequence of the DNA characteristic of the cell type or tissue is indicative of death of the cell type or tissue. Kits for detecting cell death are also disclosed.

IPC 8 full level

**C12Q 1/6883** (2018.01); **C12Q 1/6881** (2018.01); **C12Q 1/6886** (2018.01)

CPC (source: CN EP IL US)

**C12Q 1/6881** (2013.01 - EP IL US); **C12Q 1/6883** (2013.01 - EP IL US); **C12Q 1/6886** (2013.01 - CN EP IL US);  
**C12Q 2600/154** (2013.01 - CN EP IL US)

Citation (search report)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

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EP 4026917 A1 20220713; EP 4026917 B1 20231115; EP 4306659 A2 20240117; EP 4306659 A3 20240327; FI 4026917 T3 20240214;  
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US 2017121767 A1 20170504; US 2022064730 A1 20220303; US 2023242985 A1 20230803; WO 2015159293 A2 20151022;  
WO 2015159293 A3 20151210

DOCDB simple family (application)

**IL 2015050403 W 20150414**; CN 201580031764 A 20150414; DK 19209237 T 20150414; DK 22158931 T 20150414; EP 15720481 A 20150414;  
EP 19209237 A 20150414; EP 22158931 A 20150414; EP 23209884 A 20150414; FI 22158931 T 20150414; HR P20240189 T 20150414;  
IL 2015050404 W 20150414; IL 24829916 A 20161010; JP 2016562026 A 20150414; LT 22158931 T 20150414; PL 22158931 T 20150414;  
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